

Starptautisku konferenču tēzes

1. **Auziņa, I., Dargis, R., Rābante-Buša, G.** Fonētiski marķēts latviešu valodas runas korpus. XII Starptautiskais baltistu kongress Viļņas Universitātē 2015. gada 28.-31. oktobrī. Referātu tēzes. 151. lpp. ISBN 978-609-459-592-9
2. **Auziņa, I., Rābante-Buša, G.** Pozicionālās skaņu pārmaiņas vārdu sadurā. XII Starptautiskais baltistu kongress Viļņas Universitātē 2015. gada 28.-31. oktobrī. Referātu tēzes. 150. lpp. ISBN 978-609-459-592-9
3. **Andronova E.** "G. Manceļa veiktās izmaiņas 1643. g. katehismā (salīdzinot ar 1631. g. tekstu)". XII starptautiskais baltistu kongress. Viļņas Universitāte, 2015, Referātu tēzes, 227. lpp.
4. **Auziņa, I., Rābante-Buša G.** Izrunas varianti un to atspoguļojums Latviešu valodas runas korpusā. 51. prof. Artura Ozola dienas starptautiskā zinātniskā konference. „Fonētiskie varianti un to atveide tekstos”. Referātu tēzes. Rīga, 2015. g. 20. marts, 5.-6. lpp.
5. **J.Čirulis:** *On relatively orthocomplemented normal bands*. 89th Workshop on General Algebra (AAA89), Dresden, Feb. 26—March 01, 2015 http://tu-dresden.de/die_tu_dresden/fakultae
6. **J.Čirulis:** *Dependency of variables and ordered sets*. Workshop "Algebra and its applications" Marguse Holyday center (Estonia), May 8—10, 2015. <http://kodu.ut.ee/~vlaan/kaariku/>
7. **Cibulis A., Čerņenoks J.**, Some Polyomino Exclusion Problems in the Context of In-depth Teaching of Mathematics, 16th International Conference "Teaching Mathematics: Retrospective and Perspectives", Abstracts, pp. 12 – 13, Vilniaus universiteto leidykla, Vilnius. (Palanga, May 7– 9, 2015.)
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9. **F.Sadyrbaev.** Oscillatory solutions of boundary value problems. International Conference on Differential and Difference Equations & Applications, Amadora, Portugal, May 18-22, 2015. Abstract Book, p. 42.
10. E.Brokan, **F.Sadyrbaev.** Attracting Sets in Gene Regulatory Systems. Abstracts of 2015 International Conference on Simulation, Modelling and Mathematical Statistics, Chiang Mai, Thailand, November 22-23, 2015, p.12.

11. **F.Sadyrbaev** and N.Sveikate. Quasilinearization and resonant boundary value problems. Abstracts of Equadiff 2015, Lyon, France, July 6-10, 2015 <http://equadiff2015.sciencesconf.org/65193/document>
12. **S.Atslega, F.Sadyrbaev**. On the planar system arising in the network control theory. Abstracts of 20th International Conference Mathematical Modelling Analysis, Sigulda, Latvia, May 26-29, 2015 http://www.lu.lv/fileadmin/user_upload/lu_portal/projekti/mma2015/MMAtez/es/Atslega.pdf
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17. **I.Yermachenko, F.Sadyrbaev**. Boundary value problems for two-dimensional differential systems with periodic functions in phase variables. Abstracts of 20th International Conference Mathematical Modelling Analysis, Sigulda, Latvia, May 26-29, 2015. http://www.lu.lv/fileadmin/user_upload/lu_portal/projekti/mma2015/MMAtez/es/Yermachenko.pdf
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20. **Rihards Balodis, Inara Opmane**. Zinātnisko datu krātuve. Akadēmiķa Jāņa Endzelīna 142. dzimšanas dienas atceres starptautiskā konference “Letonika un migrāciju kultūra”, 2015.gada 23-24. februāris, Rīga
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23. **Māris Alberts, Uģis Grīnbergs, Viktors Zotovs, Klāvs Taube**, Wireless Sensor Network based early warning system with energy harvesting for agriculture. The Joint International Conferences of Intelligent Agriculture (ICIA) Beijing 27.09.2015-30.09.2015.
24. **I.Bula**, Development of the Professional bachelor study programme Mathematics statistics. 16th International Conference “Teaching Mathematics: Retrospective and Perspectives”, Abstracts, p. 11, Vilnius universiteto leidykla, Vilnius, Palanga, May 7– 9, 2015.
25. **A.Šuste, I.Bula**, Discrete - time epidemic models. Abstracts of the 20th International Conference on Mathematical Modelling and Analysis, May 26 - 29, 2015, Sigulda, Latvia, p. 86.
26. **M.Avotiņa, I.Bula**, Discrete modelling of neurons. Abstracts of the 20th International Conference on Mathematical Modelling and Analysis, May 26 - 29, 2015, Sigulda, Latvia, p.7.
27. **M.Avotiņa, I.Bula**, Relationship between the root -1 of a characteristic equation and period-two solutions. The 21st International Conference on Difference Equations and Applications. Abstracts. 19-25 July 2015, Bialystok, Poland. P.21-22.
28. **I.Bula, M.A.Radin**, About orbits of a neuron model with a periodic internal decay rate. The 21st International Conference on Difference Equations and Applications. Abstracts. 19-25 July 2015, Bialystok, Poland. P.32-33.

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30. **H. Kalis, I. Kangro, U. Strautiņš**: Exponential type splines for solutions of diffusion problem in multilayered domain. Abstracts of the 20th International Conference on Mathematical Modelling and Analysis, May 26 - 29, 2015, Sigulda, Latvia, p.
31. **H.Kalis, M.Marinaki, U.Strautiņš, O.Lietuviētis**. On the vortex formation in the combustion process with simple chemical reaction and axial magnetic field. Abstracts of the 20th International Conference on Mathematical Modelling and Analysis, May 26 - 29, 2015, Sigulda, Latvia, p.
32. **L.Ozola, U.Strautiņš**. Modeling the influence of magnetic fields on oxygen distribution. Abstracts of the 20th International Conference on Mathematical Modelling and Analysis, May 26 - 29, 2015, Sigulda, Latvia, p.
33. **U.Strautiņš**. Some models of species interaction in fluids. Abstracts of the 20th International Conference on Mathematical Modelling and Analysis, May 26 - 29, 2015, Sigulda, Latvia, p.
34. **A.Reinfelds**. On asymptotic equivalence of difference equations in Banach space. Abstracts of X Americas Conference on Differential Equations and Nonlinear Analysis, February 16 - 20, 2015, Buenos Aires, Argentina, p. 33.
35. **A.Reinfelds** and Dz. Šteinberga. Dynamical equivalence of quasilinear equations. Abstracts of The Cape Verde International Days of Mathematics 2015, April 27 - 30, 2015, Mindelo, Cape Verde, p. 31.
36. **A.Reinfelds** and S. Janovska. Stability of dynamic systems on time scale. Abstracts of the International Conference on Differential and Difference Equations & Applications, May 18 - 22, 2015, Amadora, Portugal, p. 105.
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- 41.S. Grečova, S. Morillas, **A.Šostak**, Perceptual color image similarity using fuzzy metrics, MMA 2015 (The 20th International Conference on Mathematical Modelling and Analysis) Sigulda, Latvia, May 2015. Abstracts, p. 28.
- 42.**A. Šostak, I. Ujjane**, On the category of LM-bornological spaces, pp. 27-28 In Abstracts of the 30th Summer Topological Conference, Galway, Ireland, June 23-26, 2015.
- 43.**O.Lietuvietis**. On integration matrix defined by Chebyhev differentiation matrix. Abstracts of MMA2015, May 26-29, 2015, Sigulda, Latvia, p.54
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- 49.P.Orlovs, **S.Asmuss**, *Fuzzy equivalence relation based approximations of a t-norm extension of aggregation operators*. Abstracts of the 20th International Conference on Mathematical Modelling and Analysis MMA 2015, Sigulda (Latvia), 2015, p. 62.
- 50.I.Kodorane, **S.Asmuss**, *Approximation of derivatives using F-transforms based on higher degree splines*. Abstracts of the 20th International Conference on Mathematical Modelling and Analysis MMA 2015, Sigulda (Latvia), 2015, p. 47.

51. **M.Kokainis, S.Asmuss**, *On higher degree F-transforms based on B-splines*. Abstracts of the 20th International Conference on Mathematical Modelling and Analysis MMA 2015, Sigulda (Latvia), 2015, p. 48.
52. **A.Ozolins, S.Asmuss**, *Modified dynamic programming algorithm for solving the job shop scheduling problem*. Abstracts of the 27th European Conference on Operational Research EURO 2015, Glasgow (UK), 2015, p. 146.
53. **A.Reinfelds**. *Reduction principle for dynamic systems on time scale*. Abstracts of the 1st International conference "Mathematics days in Tirana", December 11 - 12, 2015, Tirana, Albania, pp. 5 - 6.
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Latvijas konferenču tēzes

1. **Jānis Bārzdiņš, M.Grasmanis, M.Opmanis, E.Rencis, A.Šostaks, Juris Bārzdiņš** "Uz ontoloģijām balstītu ātro vaicājumu valoda un tās realizācija: slimnīcas piemērs", Latvijas Universitātes 73. konference, Rīga, 2015. gada februāris, sekcija "Datorzinātnes un informācijas tehnoloģijas".
2. **K.Čerāns, G.Bārzdiņš, G.Būmans, J.Ovčiņņikova, A.Romāne, M.Zviedris** "Semantisko datubāzu platforma: iespējas un izaicinājumi", Latvijas Universitātes 73. konference, Rīga, 2015. gada februāris, sekcija "Datorzinātnes un informācijas tehnoloģijas".
3. **K.Podnieks** "Formālisms kā reālās matemātikas filozofija: 14 argumenti", Latvijas Universitātes 73. konference, Rīga, 2015. gada februāris, sekcija "Datorzinātnes un informācijas tehnoloģijas".
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